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weekly statistical bulletin

STATISTICS DEPARTMENT

VOL. 67 For Week Ended February 21, 1986

NO. 8

SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending:	Last Week Ending:	Last Year Week Ending:	Change From Last Week	Change From Last Year
	02/21/86	02/14/86	02/22/85		
<u>Refinery Operations</u>					
Input to crude oil distillation units	12,439	12,284	11,638	155	801
Operable capacity	15,674	15,674	15,621	0	53
Percent operated	79.4	78.4	74.5		
<u>Motor Gasoline</u>					
Total motor gasoline production	6,499	6,467	5,956	32	543
Finished leaded motor gasoline production	1,942	2,079	1,977	-137	-35
Finished unleaded motor gasoline production	4,557	4,388	3,979	169	578
Total motor gasoline stocks	241,725	242,564	226,977	-839	14,748
Finished leaded motor gasoline stocks	79,937	81,171	83,484	-1,234	-3,547
Finished unleaded motor gasoline stocks	121,787	120,927	105,742	860	16,045
<u>Distillate Fuel Oil</u>					
Distillate fuel oil production	2,726	2,622	2,446	104	280
Distillate fuel oil stocks	122,691	129,241	127,440	-6,550	-4,749
<u>Residual Fuel Oil</u>					
Residual fuel oil production	963	868	1,139	95	-176
Residual fuel oil stocks	45,040	44,218	45,933	822	-893
<u>Imports</u>					
Crude oil imports	2,807	2,906	2,534	-99	273
Product imports	1,724	1,885	1,803	-161	-79
<u>Crude Oil Stocks</u>					
Crude oil stocks	330,203	328,082	316,520	2,121	13,683

Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 289-6949

NA-Not Available



STATISTICS DEPARTMENT

VOL. 67 For Week Ended February 21, 1986

NO. 8

U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Oper- ated
East Coast	1,247*	1,026*	1,040*	1,487	69.9*
Appal. No. 1	93	89	89	116	76.7
DISTRICT 1 TOTAL	1,340*	1,115*	1,129*	1,603	70.4*
Appal. No. 2	72	65	65	66	98.5
Ind., Ill., Ky.	1,856	1,692	1,709	2,176	78.5
Minn., Wis., Daks.	300	286	286	301	95.0
Okla., Kans., Mo.	710	614	621	726	85.5
DISTRICT 2 TOTAL	2,938	2,657	2,681	3,269	82.0
Inland Texas	587	450	454	547	83.0
Texas Gulf Coast	3,440	2,985	3,101	3,736	83.0
La. Gulf Coast	2,347	2,131	2,132	2,608	81.7
N. La. and Ark.	188	176	178	250	71.2
New Mexico	74	64	66	68	97.1
DISTRICT 3 TOTAL	6,636	5,806	5,931	7,209	82.3
DISTRICT 4 TOTAL	393	387	389	559	69.6
DISTRICT 5 TOTAL	2,323	2,287	2,309	3,034	76.1
TOTAL U.S.	13,630	12,252	12,439	15,674	79.4
TOTAL U.S.					
Weeks Ended:					
FEB. 14, 1986	13,826*	12,106*	12,284*	15,674	78.4*
FEB. 22, 1985	12,471	11,487	11,638	15,621	74.5
DISTRICTS 1-4					
Weeks Ended:					
FEB. 21, 1986	11,307	9,965	10,130	12,640	80.1
FEB. 14, 1986	11,338*	9,777*	9,924*	12,640	78.5*
FEB. 22, 1985	10,353	9,427	9,570	12,570	76.1

*See revisions on page 7

API WEEKLY STATISTICAL BULLETIN
Week Ended February 21, 1986

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline ¹	Motor Gasoline		Jet Fuel		Distillate Fuel Oil ²	Residual Fuel Oil
		Finished Leaded	Finished Unleaded	Naphtha Type	Kerosine Type		
East Coast	734*	170	564*	24	52	314	115
Appal. No. 1	41	14	27	--	--	26	3
DISTRICT 1 TOTAL	775*	184	591*	24	52	340	118
Appal. No. 2	38	12	26	--	--	21	14
Ind., Ill., Ky	1,030	275	755	16	143	334	81
Minn., Wis., Daks	161	59	102	4	13	71	9
Okla., Kans., Mo.	397	219	178	2	41	155	11
DISTRICT 2 TOTAL	1,626	565	1,061	22	197	581	115
Inland Texas	269	84	185	25	30	97	18
Texas Gulf Coast	1,447	437	1,010	38	292	641	194
La. Gulf Coast	1,116	255	861	16	279	493	123
N. La. and Ark.	56	20	36	7	--	54	11
New Mexico	42	21	21	9	1	14	--
DISTRICT 3 TOTAL	2,930	817	2,113	95	602	1,299	346
DISTRICT 4 TOTAL	206	91	115	14	25	99	8
DISTRICT 5 TOTAL	962*	285*	677*	42	295	407	376
TOTAL U.S.	6,499	1,942	4,557	197	1,171	2,726	963
TOTAL U.S.							
Weeks Ended:							
FEB. 14, 1986	6,467*	2,079*	4,388*	172	1,193	2,622	868
FEB. 22, 1985	5,956	1,977	3,979	194	1,018	2,446	1,139
DISTRICTS 1-4							
Weeks Ended:							
FEB. 21, 1986	5,537	1,657	3,880	155	876	2,319	587
FEB. 14, 1986	5,414*	1,756	3,658*	132	902	2,238	481
FEB. 22, 1985	5,061	1,669	3,392	156	766	2,110	699

¹Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

²Includes Grade No. 4 fuel oil.

NA-Not Available

*See revisions on page 7

API WEEKLY STATISTICAL BULLETIN
Week Ended February 21, 1986

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline ¹	Motor Gasoline			Jet Fuel		Distillate Fuel Oil ²	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	6,279	1,932	4,346	1	115	650	6,055	913	--
Central Atlantic	33,959*	10,622*	18,744	4,593	617	4,290	26,041*	14,560*	10,966
Lower Atlantic	29,267	9,898	19,089	280	485	4,001	12,525	3,424	289
DISTRICT 1 TOTAL	69,505*	22,452*	42,179	4,874	1,217	8,941	44,621*	18,897*	11,255
DISTRICT 2 TOTAL	67,369	26,216	33,296	7,857	1,044	8,354*	35,308*	3,824*	14,330
DISTRICT 3 TOTAL	66,117*	19,203*	30,552*	16,362	2,291	12,684*	27,766*	12,481*	50,798
DISTRICT 4 TOTAL	8,046	3,068	2,577	2,401	352	831	2,983	396	2,010
DISTRICT 5 TOTAL	30,688*	8,998	13,183	8,507*	1,918	5,990	12,013	9,442	25,583*
TOTAL U.S.	241,725	79,937	121,787	40,001	6,822	36,800	122,691	45,040	103,976
TOTAL U.S.									
Weeks Ended:									
FEB. 14, 1986	242,564*	81,171*	120,927*	40,466*	6,871	36,555	129,241*	44,218*	102,476*
FEB. 22, 1985	226,977	83,484	105,742	37,751	6,373	34,664	127,440	45,933	100,471
DISTRICTS 1-4									
Weeks Ended:									
FEB. 21, 1986	211,037	70,939	108,604	31,494	4,904	30,810	110,678	35,598	78,393
FEB. 14, 1986	210,891*	71,197*	107,334*	32,360	5,025	30,806	116,644*	34,460*	78,196
FEB. 22, 1985	195,727	73,474	93,058	29,195	4,703	28,540	116,765	35,553	75,043

¹Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

²Includes Grade No. 4 fuel oil

* See Revisions on Page 7.

NA-Not Available

WEEKLY STATISTICAL BULLETIN

Week Ended February 21, 1986

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE),
IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production ¹		Crude Oil Imports ¹		Crude Oil Stocks By Location ¹
	API Monthly	Latest Dept. of Energy Sept. 1985	Total	From Canada	
----- Daily Average -----					
DISTRICTS 1-4 TOTAL					
FEB. 21, 1986	5,863.5	5,792.0	2,683	473	247,771
FEB. 14, 1986	5,863.5	--	2,697	435	250,097*
FEB. 7, 1986	5,912.5	--	2,946	368	252,054
JAN. 31, 1986	5,912.5	--	3,530	429	247,792
DISTRICT 5 TOTAL					
FEB. 21, 1986	3,067.5	2,930.0	124	24	82,432 ‡
FEB. 14, 1986	3,067.5	--	209*	9	77,985
FEB. 7, 1986	3,037.7	--	116	21	81,979
JAN. 31, 1986	3,037.7	--	126	42	77,220
‡ INCLUDES 26,899 BBLs. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.					
TOTAL U.S.					
FEB. 21, 1986	8,931.0	8,722.0	2,807	497	330,203 ‡
FEB. 14, 1986	8,931.0	--	2,906*	444	328,082*
FEB. 7, 1986	8,950.2	--	3,062	389	334,033
JAN. 31, 1986	8,950.2	--	3,656	471	325,012
FEB. 22, 1985	8,868.0 /a	--	2,534	358	316,520

/a - DOE actual for February 1985

LOCATION OF CRUDE OIL STOCKS¹

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1-4	District 5	Total U.S.
Weeks Ended:							
FEB. 21, 1986	14,462	72,776	147,418	13,115	247,771	82,432 ‡	330,203 ‡
FEB. 14, 1986	12,743*	72,338*	152,173*	12,843	250,097*	77,985	328,082*
FEB. 22, 1985	14,326	68,858	137,285	13,292	233,761	82,759	316,520

¹See definitional notes, Page 6.

*See revisions page 7

IMPORTS OF PETROLEUM PRODUCTS
(Daily averages in thousands of 42-gallon barrels)

	Total Motor Gasoline ¹	Motor Gasoline		Gasoline ² Blending Components	Jet Fuel		Distillate Fuel Oil ³	Residual Fuel Oil	L.P.G.	Unfinished		Total
		Finished Leaded	Finished Unleaded		Naphtha Type	Kerosine Type				Oil	Other	
New England	31	--	31	--	--	--	--	62	4	--	--	97
Central Atlantic	215	8	207	50	--	13	8	382	22	23	179	892
Lower Atlantic	72	51	21	--	--	--	31	181	--	--	7	291
DISTRICT 1 TOTAL												
FEB. 21, 1986	318	59	259	50	--	13	39	625	26	23	186	1,280
FEB. 14, 1986	468	109	359	42	9	45	110	556	35	59	--	1,324
FEB. 7, 1986	284	34	250	39	--	17	339	374	126	--	186	1,365
JAN. 31, 1986	563	185	378	4	--	36	331	496	27	22	221	1,700
DISTRICTS 2-4 TOTAL												
FEB. 21, 1986	17	4	13	15	--	--	--	26	112	113	99	382
FEB. 14, 1986	27	3	24	2	--	--	2	27	262	53	117	490
FEB. 7, 1986	14	--	14	2	--	--	9	23	302	57	77	484
JAN. 31, 1986	19	--	19	--	--	--	11	24	198	97	193	542
DISTRICT 5 TOTAL												
FEB. 21, 1986	20	7	13	14	--	7	--	5	5	--	11	62
FEB. 14, 1986	30	5	25	9	--	6	2	11	12	1	--	71
FEB. 7, 1986	13	--	13	12	--	--	12	9	12	--	14	72
JAN. 31, 1986	22	--	22	--	--	--	13	9	8	--	13	65
TOTAL U.S.	355	70	285	79	--	20	39	656	143	136	296	1,724
TOTAL U.S. Weeks Ended:												
FEB. 14, 1986	525	117	408	53	9	51	114	594	309	113	117	1,885
FEB. 7, 1986	311	34	277	53	--	17	360	406	440	57	277	1,921
JAN. 31, 1986	604	185	419	4	--	36	355	529	233	119	427	2,307
FEB. 22, 1985	379	226	153	N/A	--	22	211	666	216	165	144	1,803

¹ Total motor gasoline imports is equal to the sum of finished imports and finished unleaded imports.

² Gasoline blending component imports are not included in total motor gasoline imports.

³ Includes Grade No. 4 fuel oil.

NA-Not Available

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the components stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.

Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia

Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

Crude Oil Imports

Crude oil (includes lease condensate) produced outside the 50 states. Material from the Athabasca tar sands is included. Reported on a Port of Entry basis.

The Total of crude oil imports includes those from Canada.

Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.

Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of the week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistical Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

API STATISTICAL BULLETIN
WEEK ENDED: FEB. 21, 1986

REVISIONS

02/14/86	PAGE 1	TOTAL REFINERY INPUT	EAST COAST	1,265
			DISTRICT 1 TOTAL	1,358
			TOTAL U.S.	13,826
		CRUDE OIL RUNS	DISTRICTS 1-4	11,338
			EAST COAST	988
			DISTRICT 1 TOTAL	1,077
			TOTAL U.S.	12,106
		INPUT TO CRUDE OIL	DISTRICTS 1-4	9,777
			EAST COAST	994
			DISTRICT 1 TOTAL	1,083
			TOTAL U.S.	12,284
		% OPERABLE	DISTRICTS 1-4	9,924
			EAST COAST	66.8
			DISTRICT 1 TOTAL	67.6
			TOTAL U.S.	78.4
			DISTRICTS 1-4	78.5
	PAGE 2	TOTAL MGAS	EAST COAST	661
			DISTRICT 1 TOTAL	704
			DISTRICT 5 TOTAL	1,053
			TOTAL U.S.	6,467
		LEADED MGAS	DISTRICTS 1-4	5,414
			DISTRICT 5 TOTAL	323
			TOTAL U.S.	2,079
		UNLEADED MGAS	EAST COAST	511
			DISTRICT 1 TOTAL	539
			DISTRICT 5 TOTAL	730
			TOTAL U.S.	4,388
			DISTRICTS 1-4	3,658
	PAGE 3	TOTAL MGAS	CENTRAL ATLANTIC	34,245
			DISTRICT 1 TOTAL	68,914
			DISTRICT 3 TOTAL	65,481
			DISTRICT 5 TOTAL	31,673
			TOTAL U.S.	242,564
		LEADED MGAS	DISTRICTS 1-4	210,891
			CENTRAL ATLANTIC	10,729
			DISTRICT 1 TOTAL	23,282
			DISTRICT 3 TOTAL	18,382
			TOTAL U.S.	81,171
		UNLEADED MGAS	DISTRICTS 1-4	71,197
			DISTRICT 3 TOTAL	29,930
			TOTAL U.S.	120,927
		BLENDING COMPS	DISTRICTS 1-4	107,334
			DISTRICT 5 TOTAL	8,106
			TOTAL U.S.	40,466
		KEROSINE JET	DISTRICT 2 TOTAL	8,131

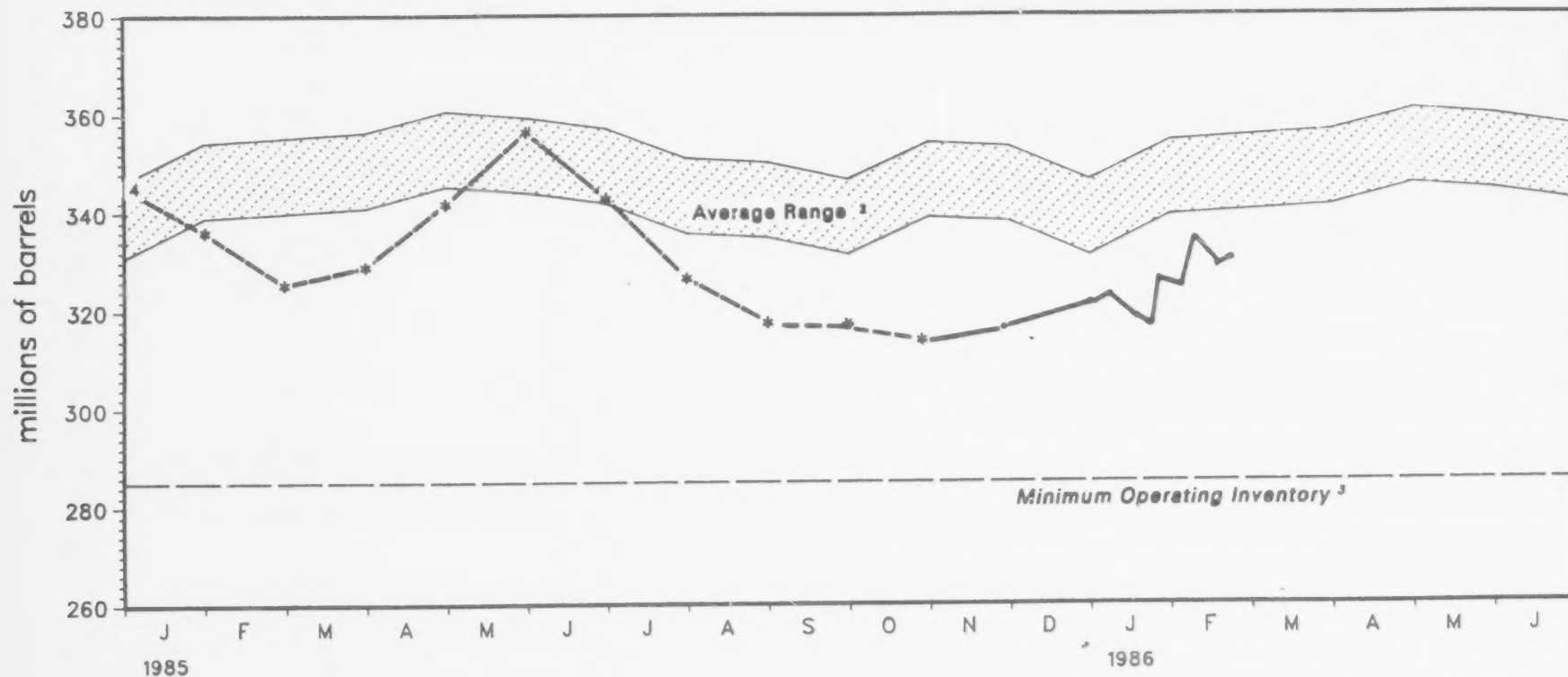
API STATISTICAL BULLETIN
WEEK ENDED: FEB. 21, 1986

REVISIONS

		DISTRICT 3 TOTAL	13,241
		CENTRAL ATLANTIC	29,897
		DISTRICT 1 TOTAL	49,466
		DISTRICT 2 TOTAL	36,931
		DISTRICT 3 TOTAL	27,375
		TOTAL U.S.	129,241
		DISTRICTS 1-4	116,644
		CENTRAL ATLANTIC	14,078
		DISTRICT 1 TOTAL	18,714
		DISTRICT 2 TOTAL	3,603
		DISTRICT 3 TOTAL	11,745
		TOTAL U.S.	44,218
		DISTRICTS 1-4	34,460
		DISTRICT 5 TOTAL	24,280
		TOTAL U.S.	102,476
PAGE 4 T	TOTAL CRUDE OIL IMPORTS	DISTRICT 5 TOTAL	209
		TOTAL U.S.	2,906
	CRUDE OIL STOCKS	DISTRICTS 1-4 TOTAL	250,097
		TOTAL U.S.	328,082
PAGE 4 B	TOTAL	PAD DISTRICT 1	12,743
		PAD DISTRICT 2	72,338
		PAD DISTRICT 3	152,173
		TOTAL PAD DISTRICTS 1-4	250,097
		TOTAL U.S.	328,082

Week Ended: February 21, 1986

Crude Oil Stocks at Primary Level ^{1 5}



¹ Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

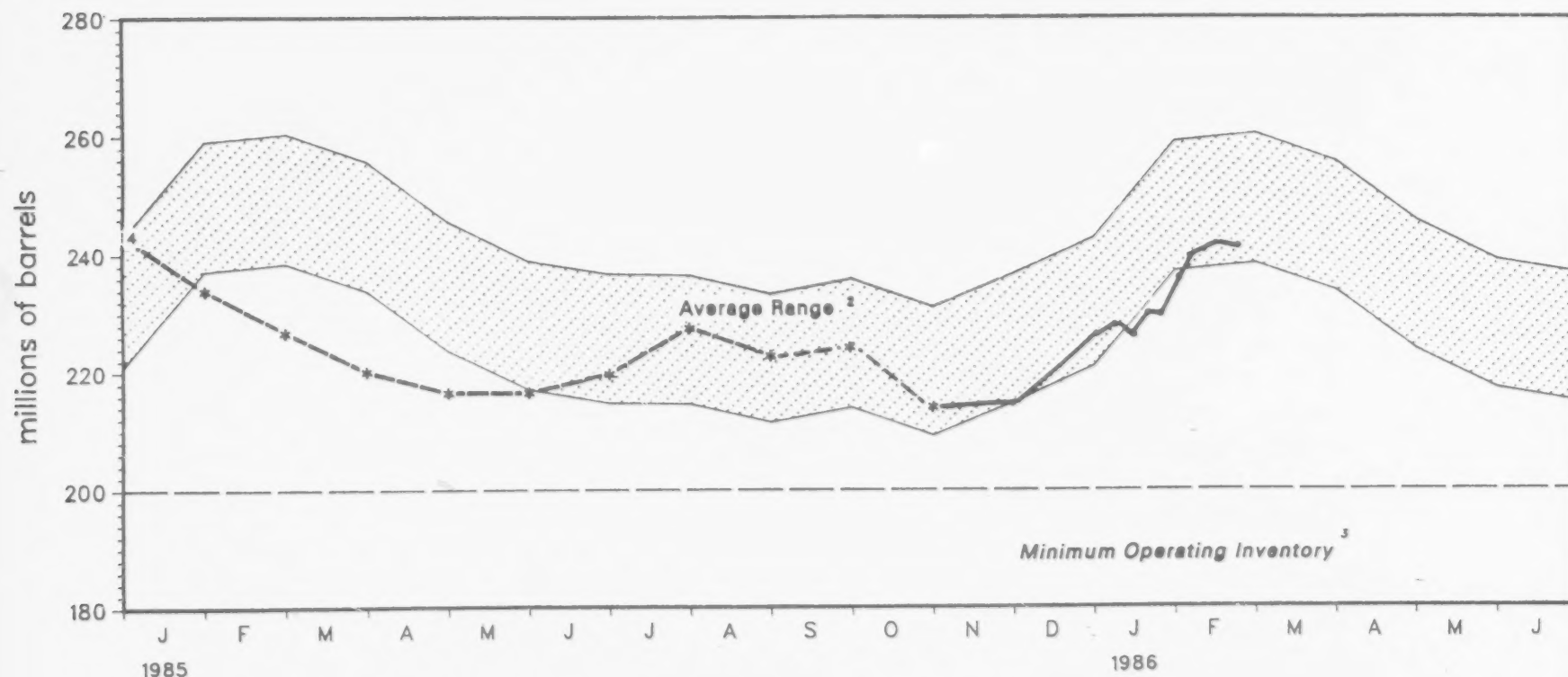
² Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1982 - June 1985. The seasonal pattern is based on seven years of monthly data: July 1977 - June 1984.

³ The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for crude oil at 285 million barrels.

⁴ Source: *—EIA, Energy Data Reports, Petroleum Statement, Monthly.
•—API, Weekly Statistical Bulletin.

⁵ The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.

Motor Gasoline Stocks at Primary Level ⁵



¹ Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

² Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1982 - June 1985. The seasonal pattern is based on six years of monthly data: July 1978 - June 1984.

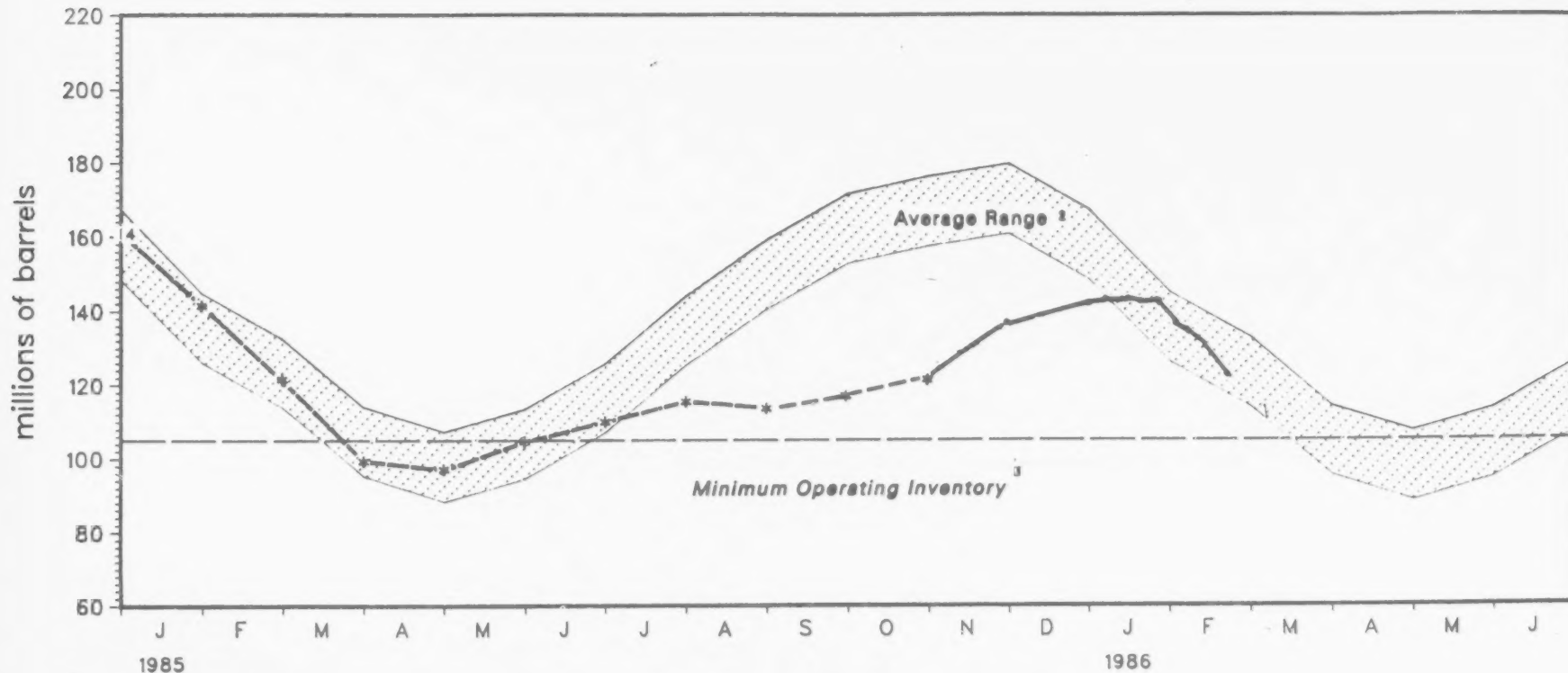
³ The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for motor gasoline at 200 million barrels.

⁴ Source: *—EIA, Energy Data Reports, Petroleum Statement, Monthly.
 •—API, Weekly Statistical Bulletin.

⁵ The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.

Week Ended: February 21, 1986

Distillate Fuel Oil Stocks at Primary Level^{1 5}



¹ Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

² Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1982 - June 1985. The seasonal pattern is based on seven years of monthly data: July 1977 - June 1984.

³ The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for distillate fuel oil at 105 million barrels.

⁴ Source: *—EIA, Energy Data Reports, Petroleum Statement, Monthly.
•—API, Weekly Statistical Bulletin.

⁵ The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.